

FIG.1

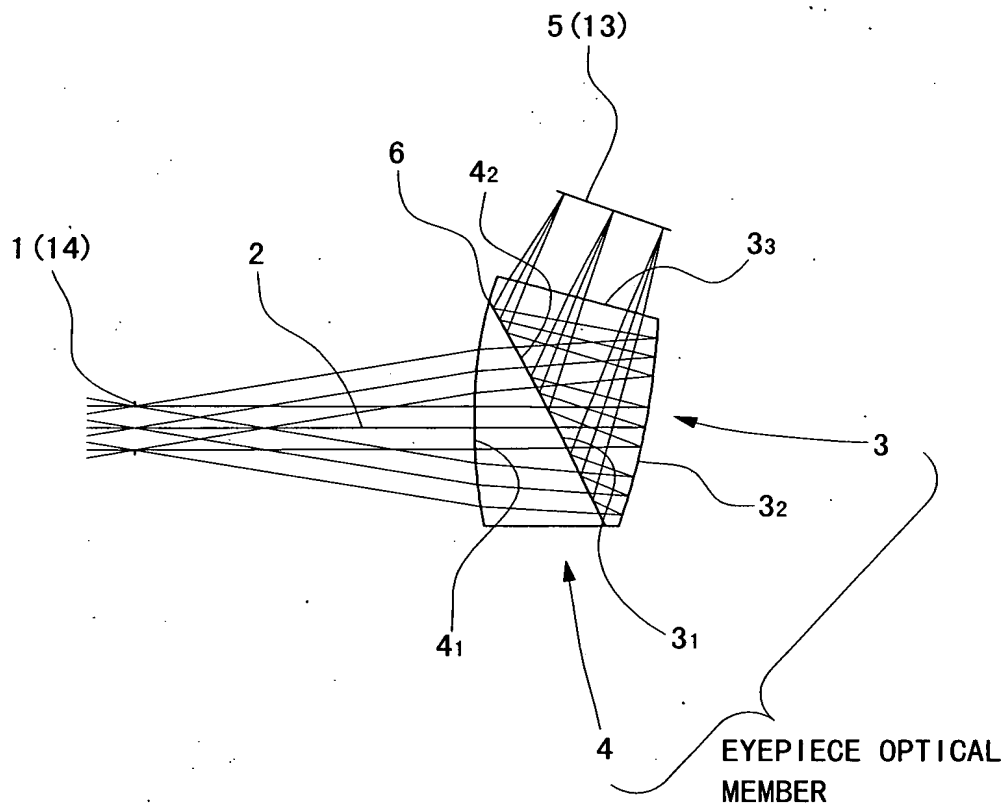


FIG. 2

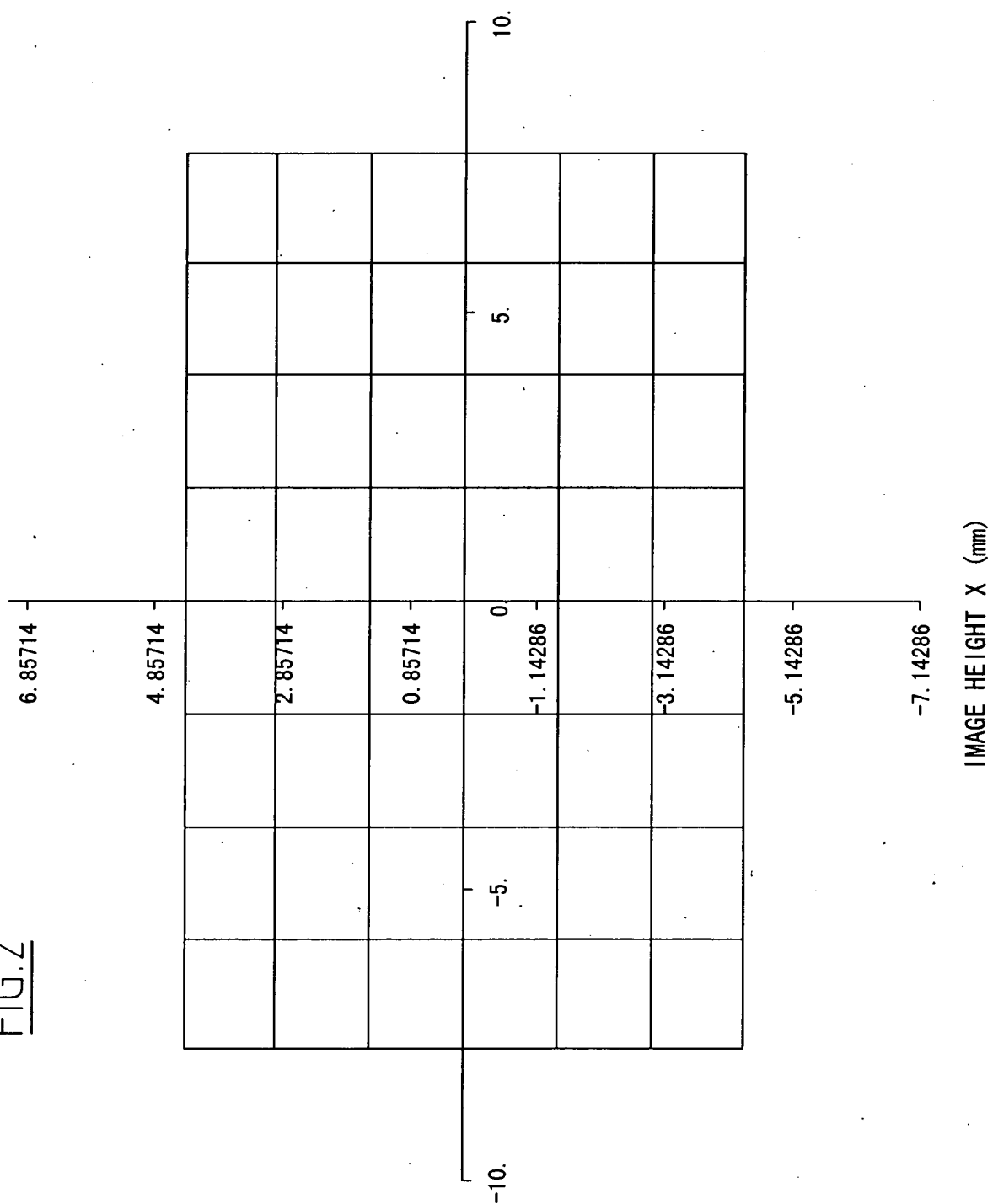


FIG.3A

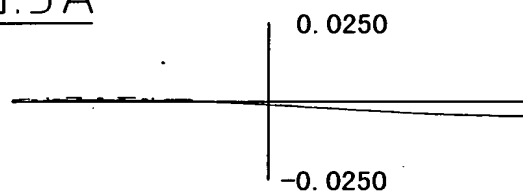


FIG.3B

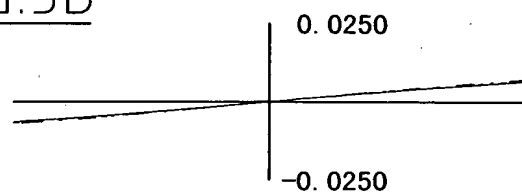


FIG.3C

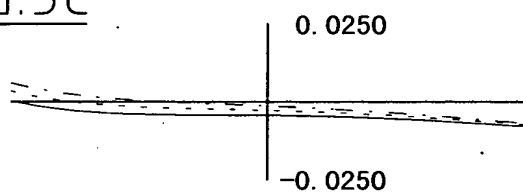


FIG.3D

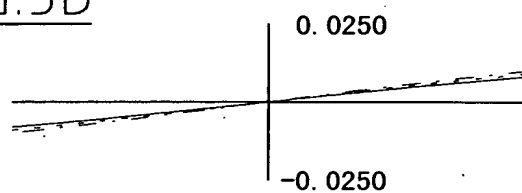


FIG.3E

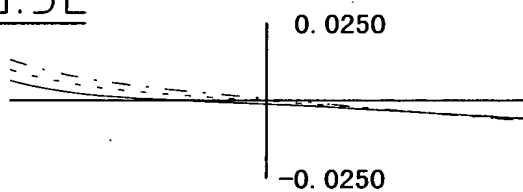


FIG.3F

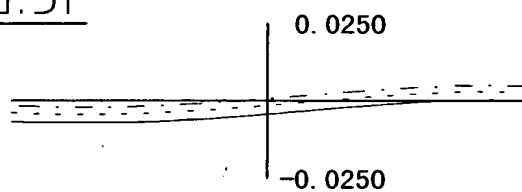


FIG.3G

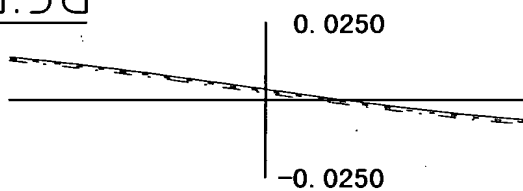


FIG.3H

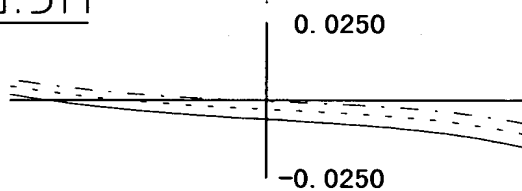


FIG.3I

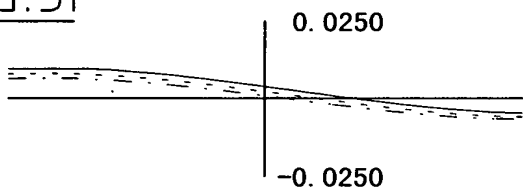


FIG.3J

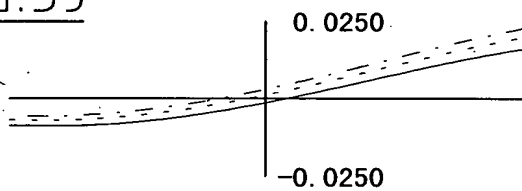


FIG.3K

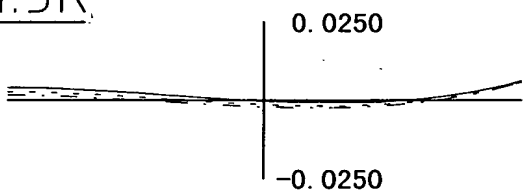
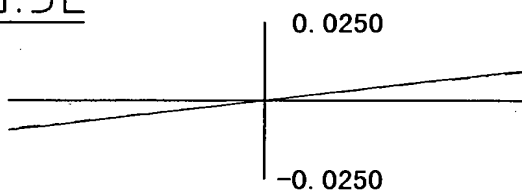


FIG.3L



— 650.0 NM
- - - 630.0 NM
- - - 610.0 NM

FIG.4A

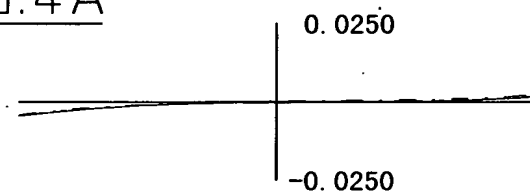


FIG.4B



FIG.4C

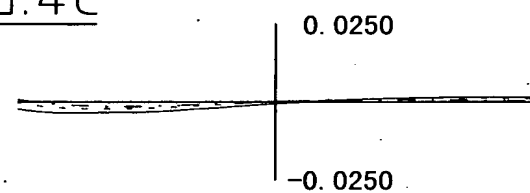


FIG.4D

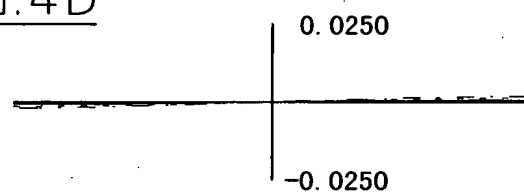


FIG.4E

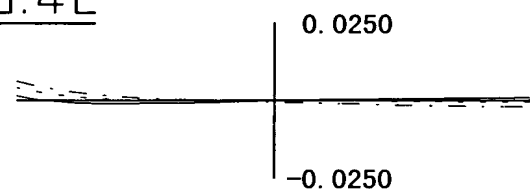


FIG.4F

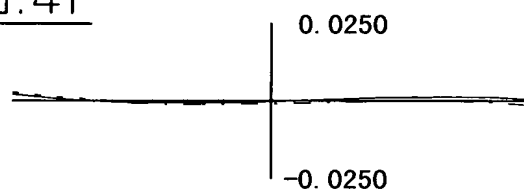


FIG.4G

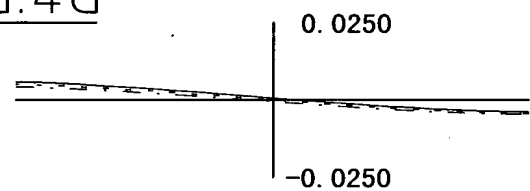


FIG.4H

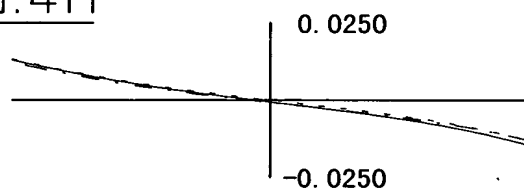


FIG.4I

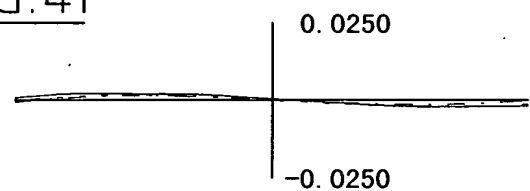


FIG.4J

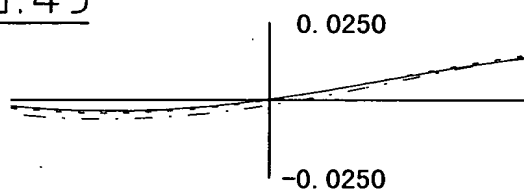


FIG.4K

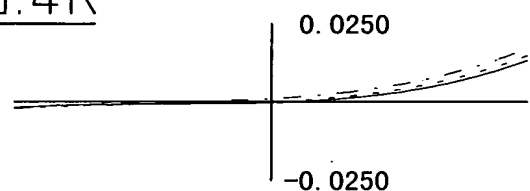
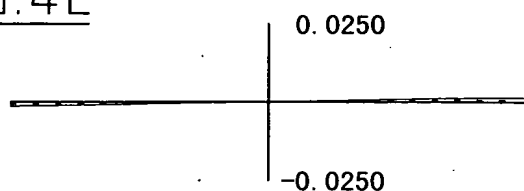


FIG.4L



— 540.0 NM
- - - 520.0 NM
- . - . 500.0 NM

LATERAL ABERRATIONS IN G BAND

FIG. 5C

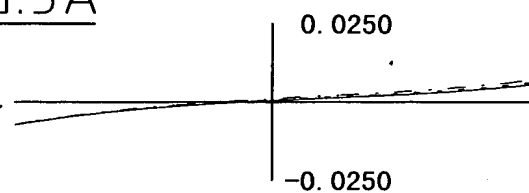


FIG. 5D

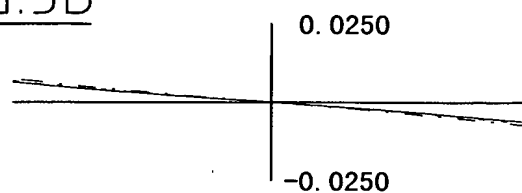


FIG.5E

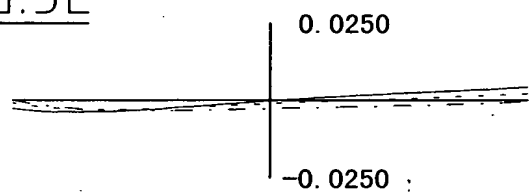


FIG.5F

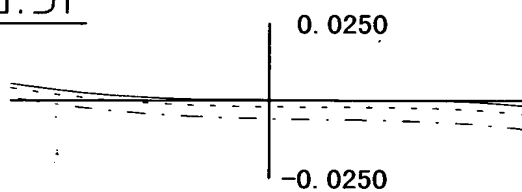


FIG. 5G

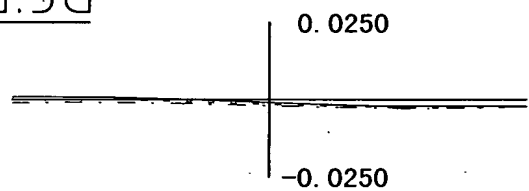


FIG. 5H

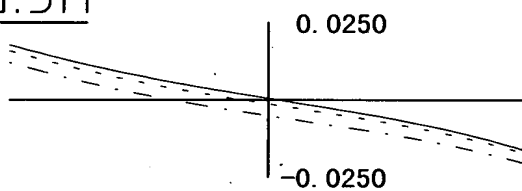


FIG. 51

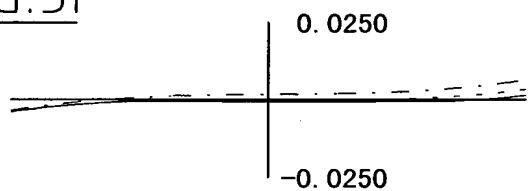


FIG. 5J

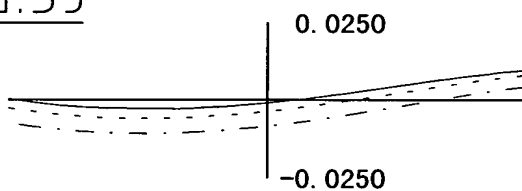


FIG. 5K

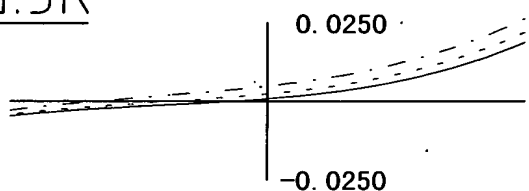
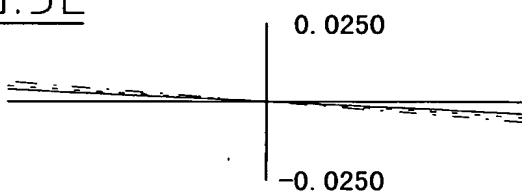


FIG. 5L

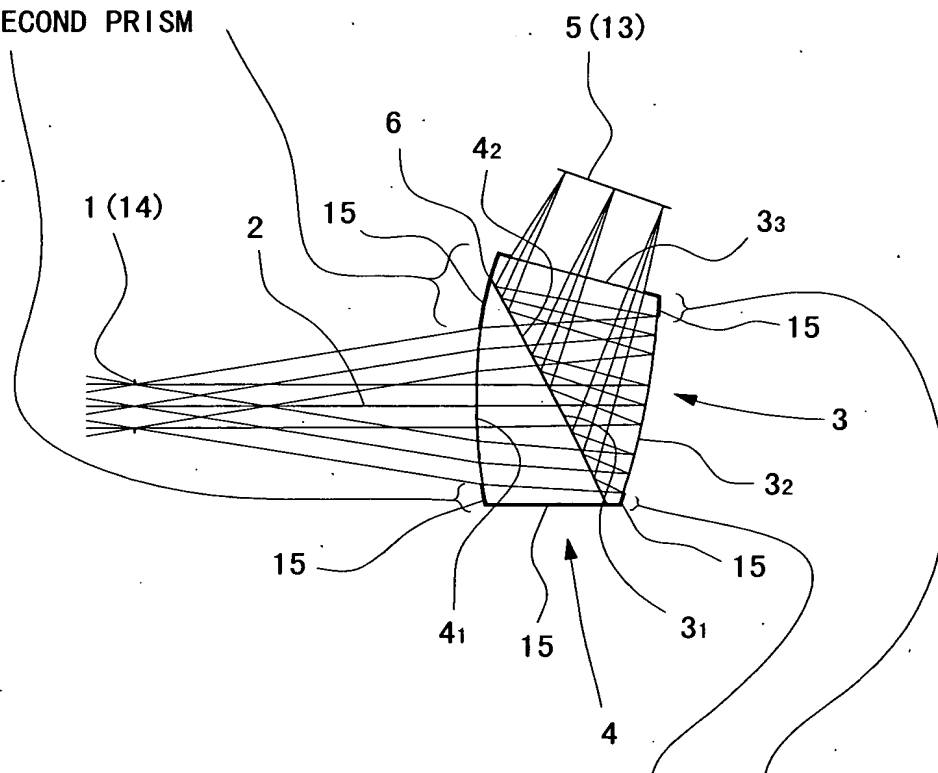


— 490.0 NM
- - - 470.0 NM
- · - · - 450.0 NM

LATERAL ABERRATIONS IN B BAND

FIG. 6

OPTICALLY NON-OPERATIVE FACES
OUTSIDE OPTICALLY EFFECTIVE DIAMETER
ON SECOND EXIT SURFACE
OF SECOND PRISM



OPTICALLY NON-OPERATIVE FACES
OUTSIDE OPTICALLY EFFECTIVE
DIAMETER ON REFLECTING SURFACE
OF FIRST PRISM

FIG. 7

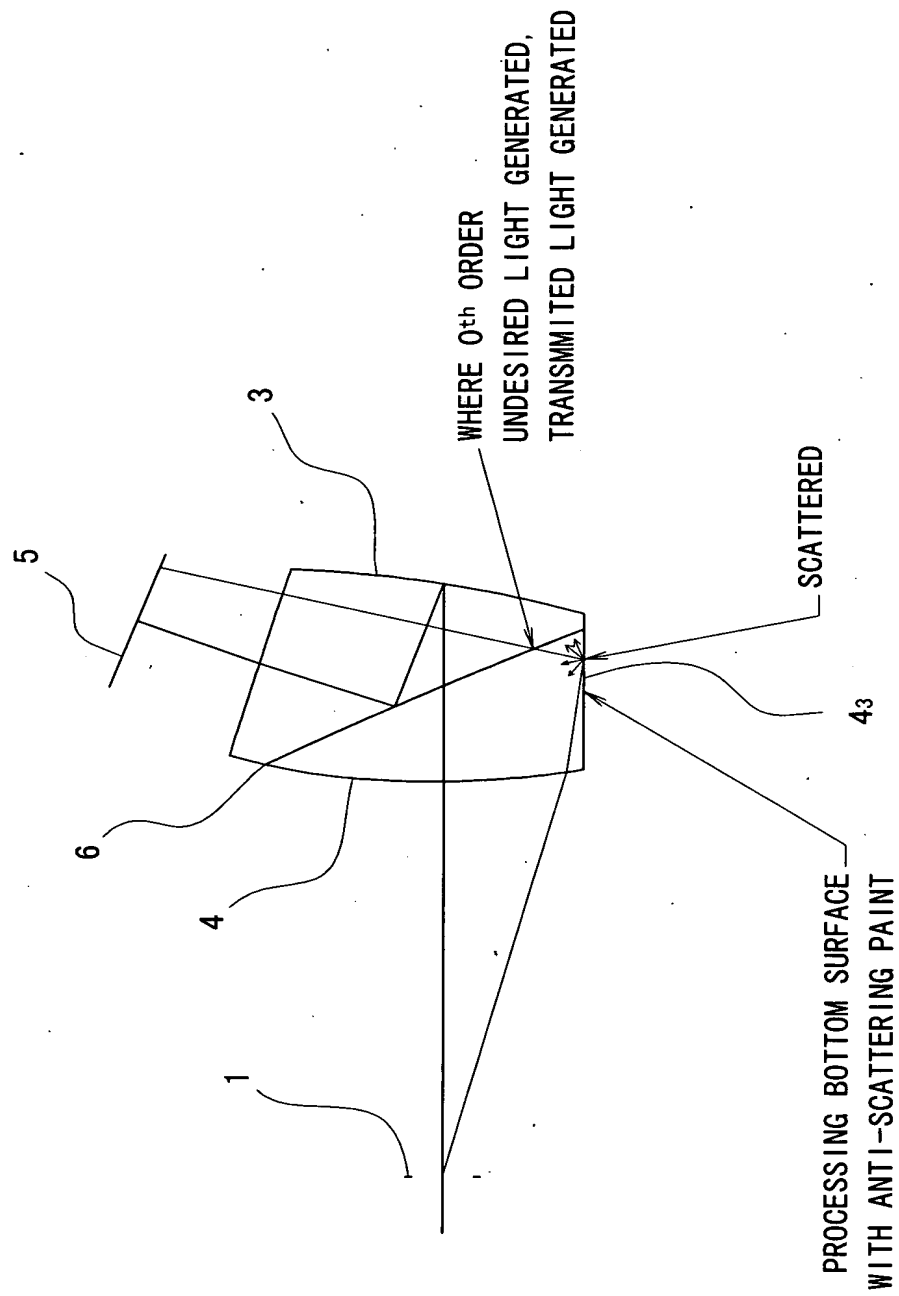


FIG.8

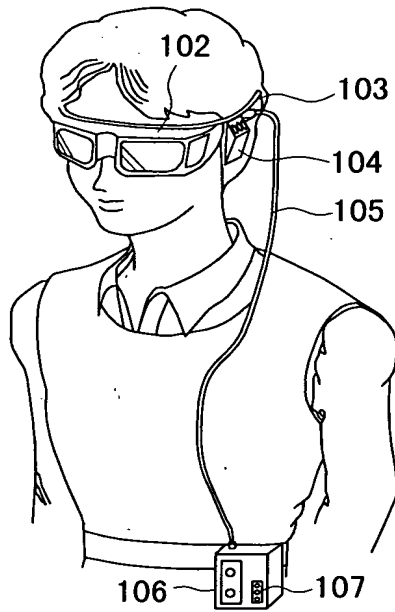


FIG. 9

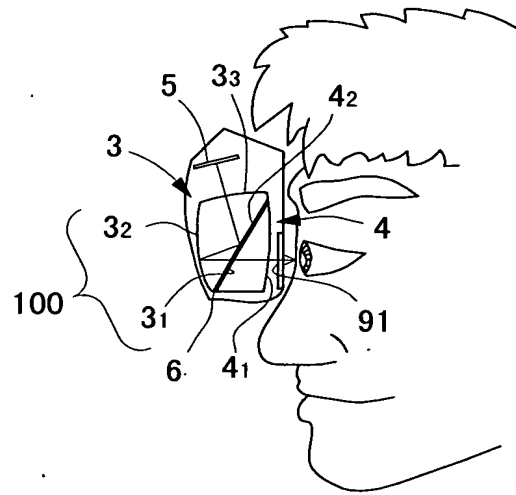


FIG. 10

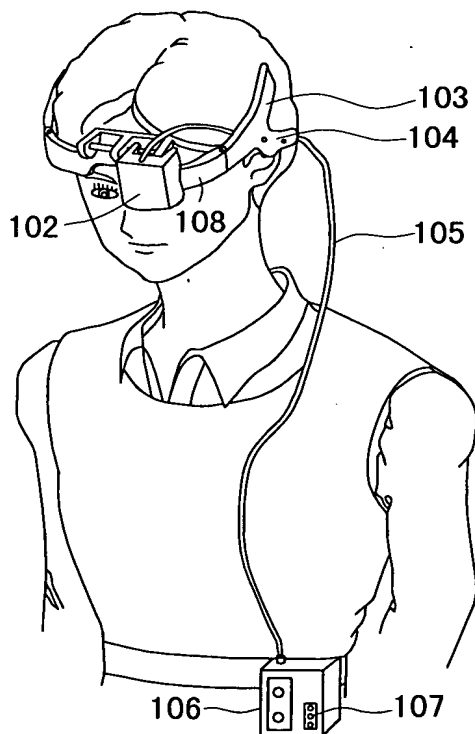


FIG.11

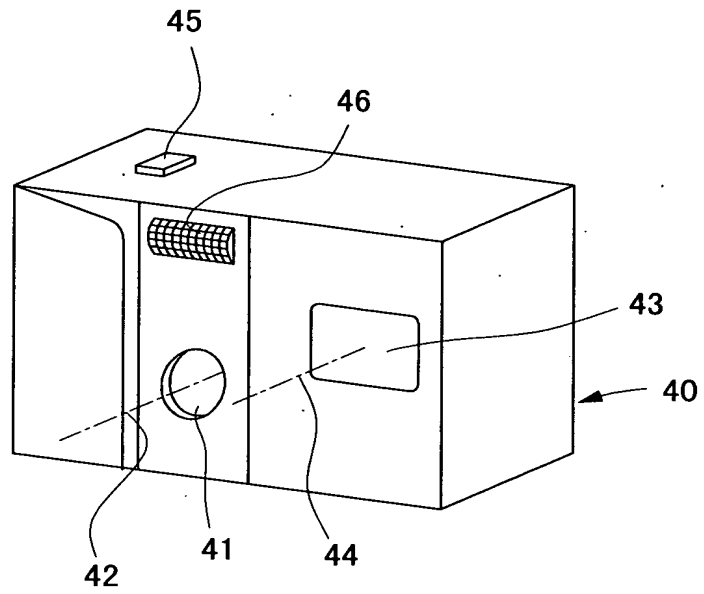


FIG.12

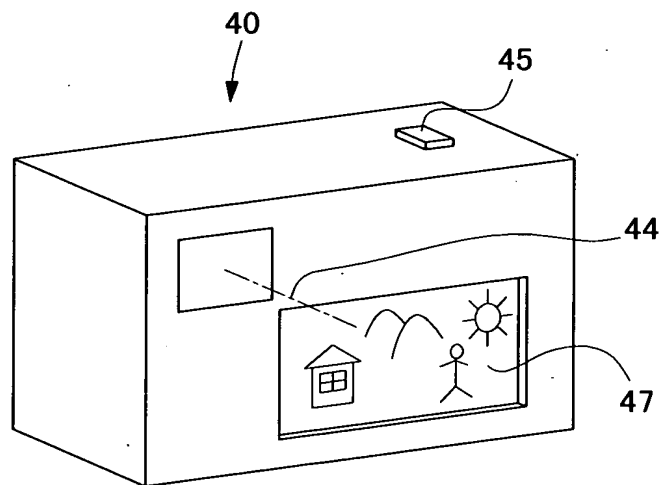


FIG. 13

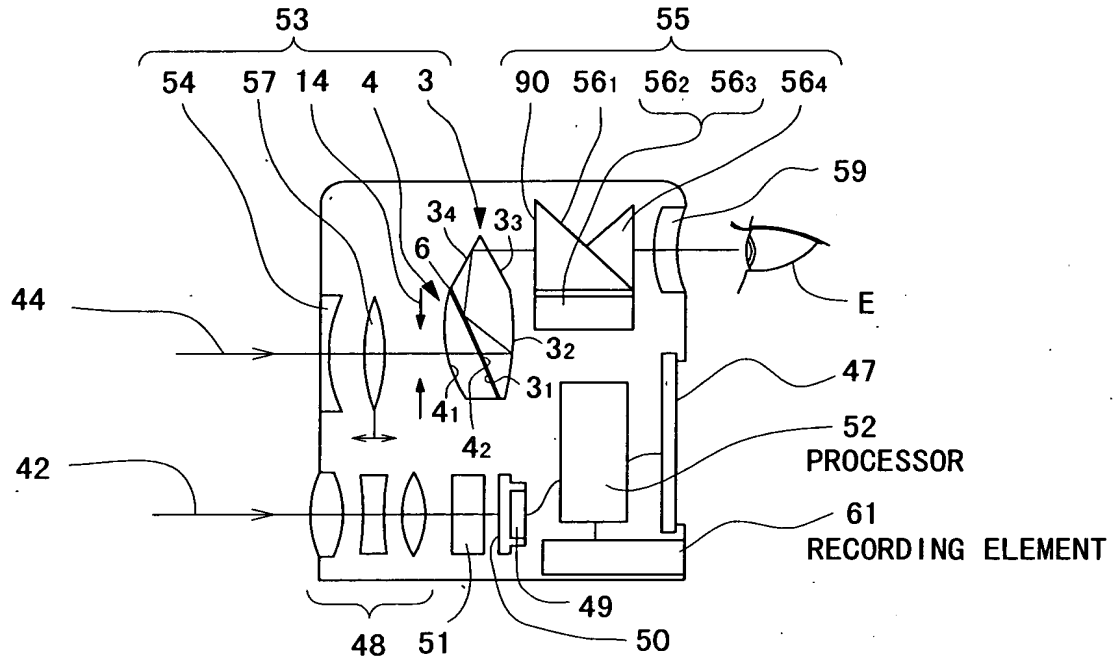


FIG. 14

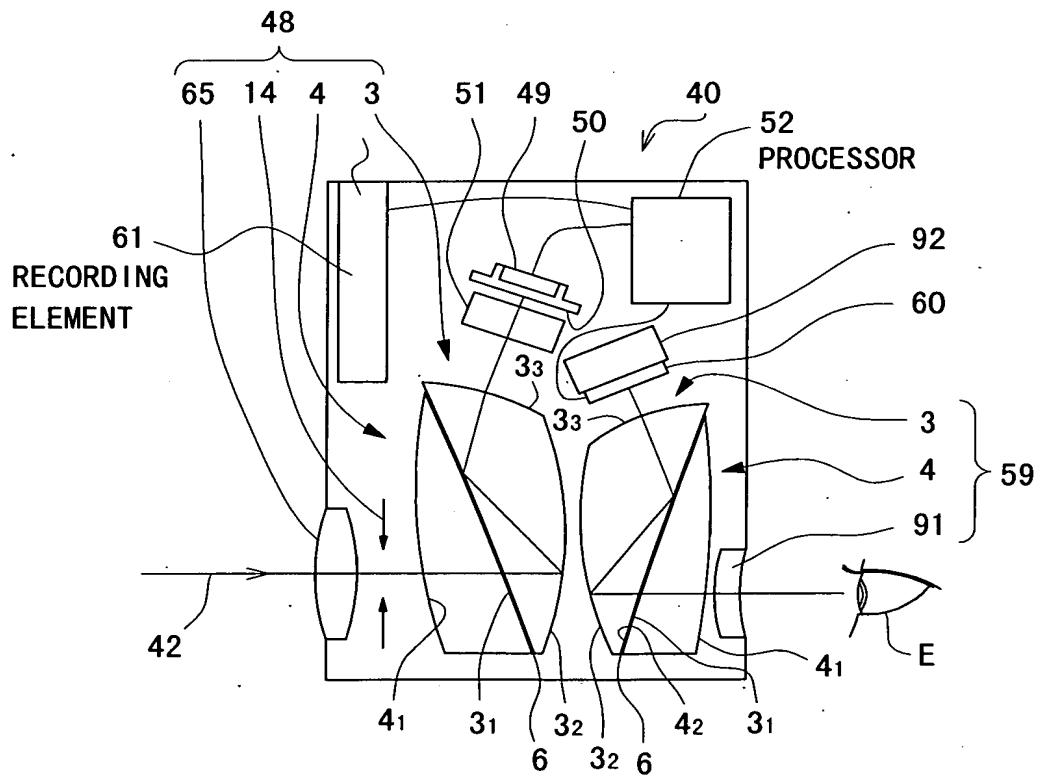


FIG. 15A

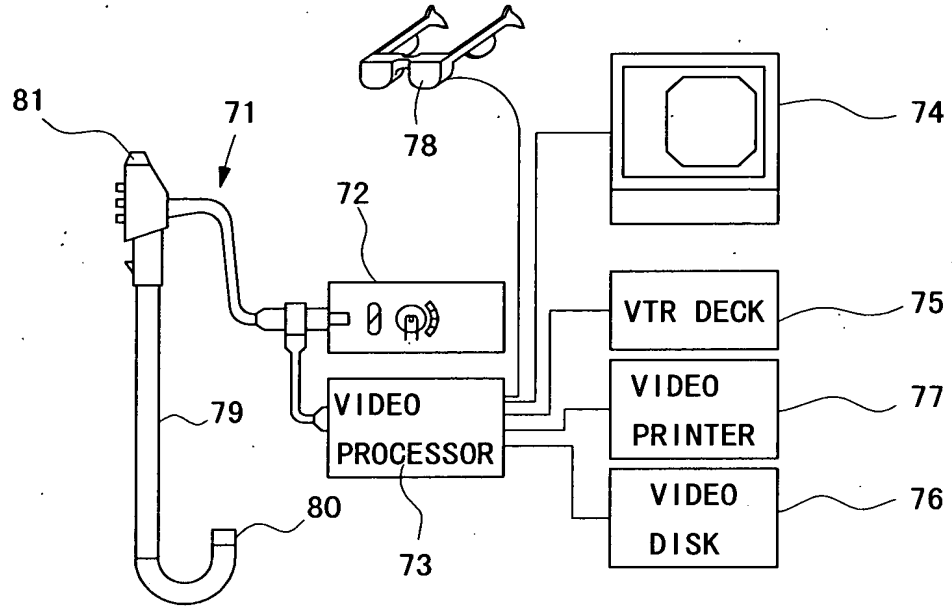


FIG. 15B

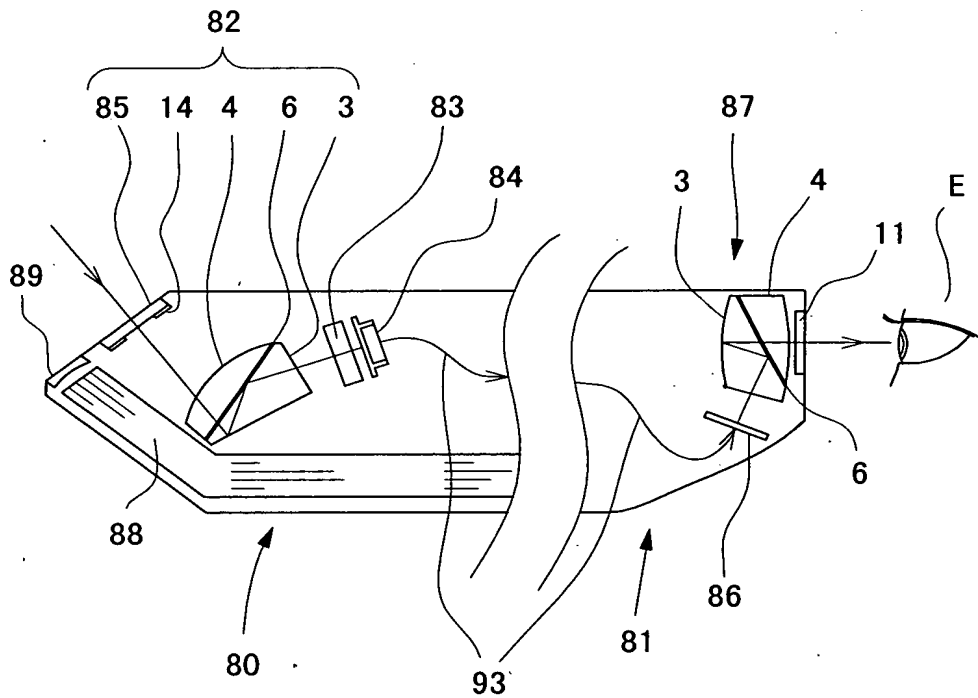


FIG.16

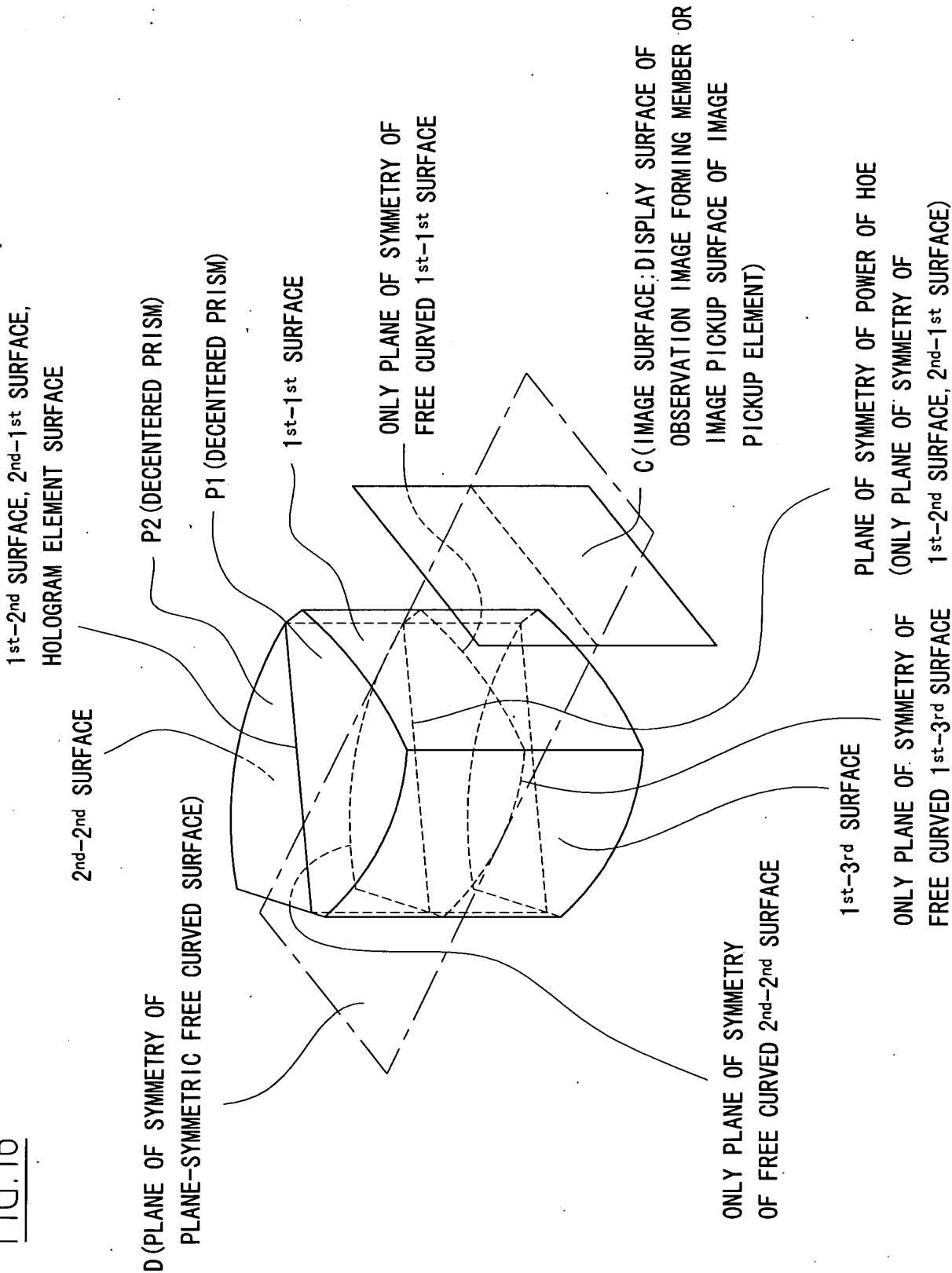


FIG.17A

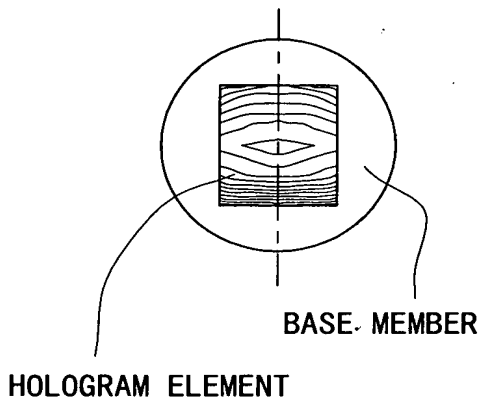


FIG. 17B

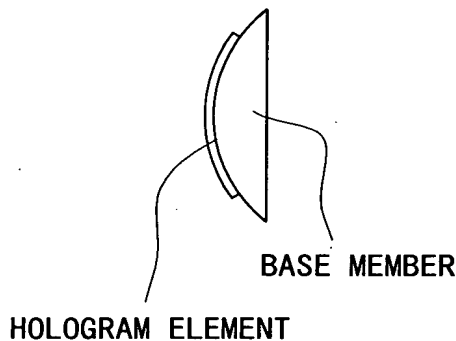


FIG. 18

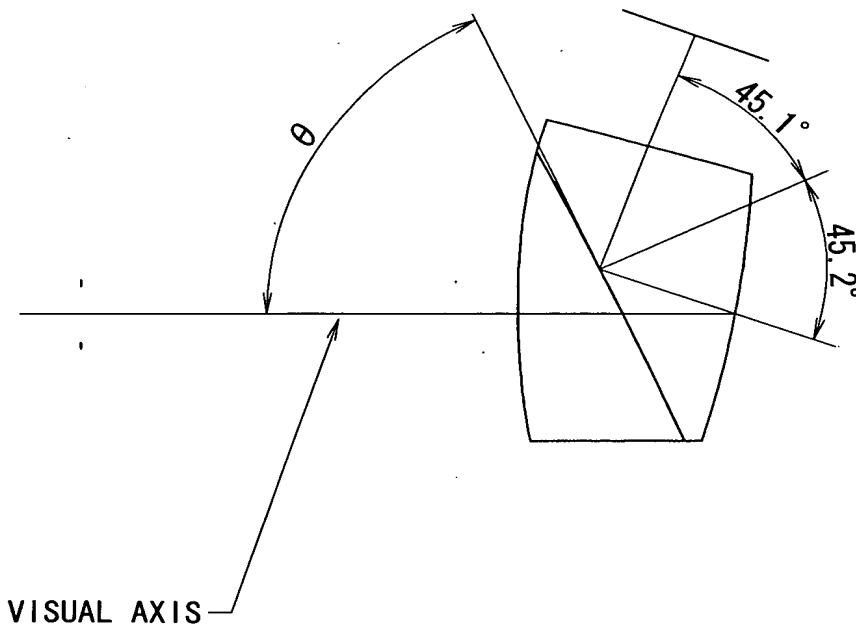


FIG.19

(EXAMPLE) WHERE MEDIUM IS AIR WITH $n=1$:

$$\Phi_o^{2P} = -r_2 - r_1 < 0$$

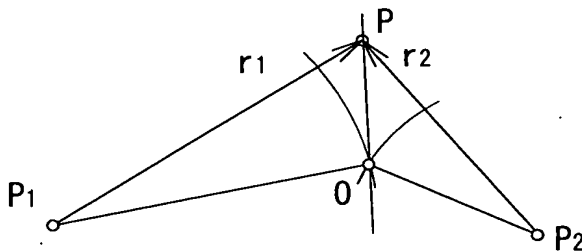
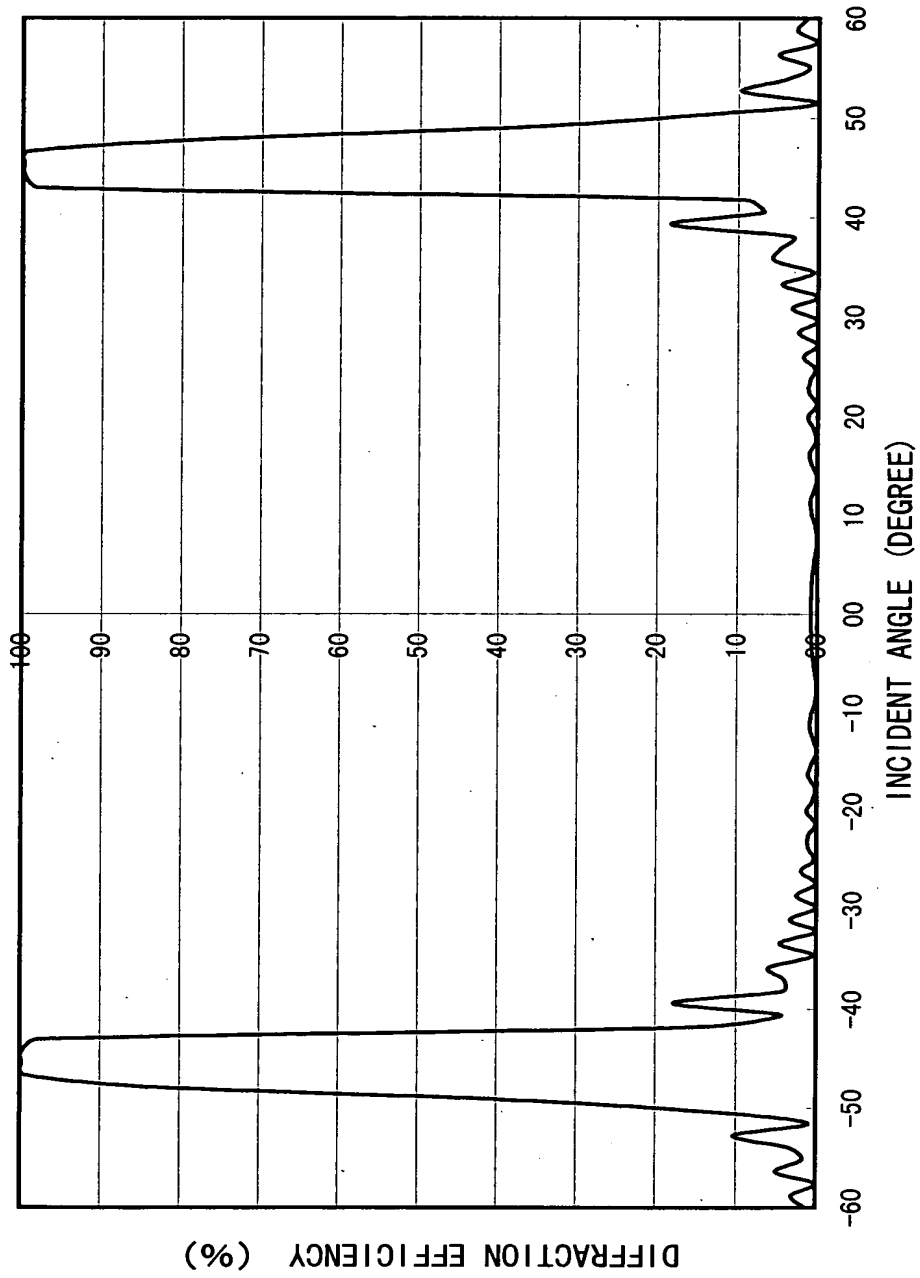
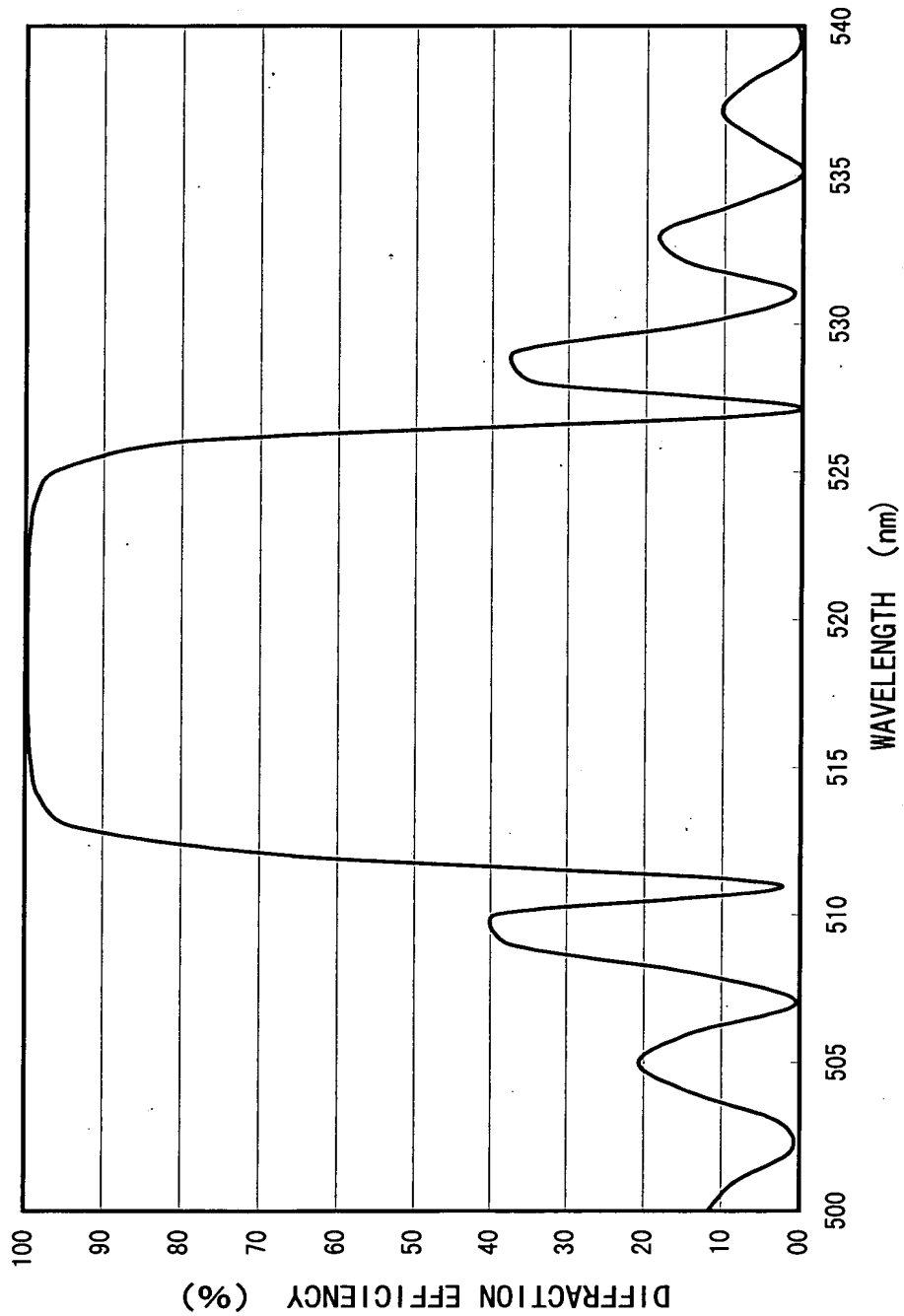


FIG.20



INCIDENT ANGLE vs DIFFRACTION EFFICIENCY
(WAVELENGTH=520nm)

FIG. 21



WAVELENGTH vs DIFFRACTION EFFICIENCY
(INCIDENT ANGLE=45.1 DEGREE)